JUN 0 2 2006 W

PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no p Complete If Known Substitute for form 1449A/B/PTO 10/552,000-Conf. #6374 Application Number INFORMATION DISCLOSURE Filing Date October 4, 2005 STATEMENT BY APPLICANT Hiroko YANAGA First Named Inventor Art Unit 1651 (Use as many sheets as necessary) Not Yet Assigned Examiner Name 1752-0173PUS1 1 Sheet 1 of Attorney Docket Number

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (# Innown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
TG	BA	EP-1 331 264-A1	07-30-2003					
TG	BB	WO-2004/092359-A1	10-28-2004			1		

"EXAMINER: hitial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
TG	CA	Brittberg et al., The New England Journal of Medicine, Vol. 331, No. 14, pp.889, 895, 1994	
. 1	CB	Hyojun Seikeigekagaku, Standard Orthopaedics, Third Edition, with partial translation	
	CC ·	Bently et al., Nature, Vol. 230, pp.385-388, 1971	
	CD	Green, Clinical Orthopaedics and Related Research, Vol. 124, pp. 237-250, 1977	
	CE	Wakitani et al., The Journal of Bone and Joint Surgery, Vol. 71-B, No. 1, pp.74-80, 1989	
	CF	Paige et al., Plastic and Reconstructive Surgery, Vol. 96, No. 6, pp.1390-1398, 1995	
	CG	Paige et al., Plastic and Reconstructive Surgery, Vol. 97, No. 1, pp. 168-178, 1996	
	СН	Aulthouse et al., In Vitro Cellular & Developmental Biology, Vol. 25, No. 7, pp. 659-668, 1989	
	CI	Ting et al. Annuals of Plastic Surgery, Vol. 40, No. 4, pp. 413-421, 1998	<u> </u>
$\neg \vdash$	င	Rodriguez et al., Plastic and Reconstructive Surgery, Vol. 103, No. 4, pp.1111-1119, 1999	L
	CK	Vacanti et al., Plastic and Reconstructive Surgery, Vol. 88, No. 5, pp. 753-759, 1991	
	CL	Cao et al., Plastic and Reconstructive Surgery, Vol. 100, No. 2, pp.297-303, 1997	
	CM	Aston et al., The Journal of Bone and Joint Surgery, Vol. 68-B, No. 1, pp. 29-35, 1986	
	CN	Nevo et al., Cell Biology International, Vol. 17, No. 3, pp. 255-273, 1993	
	CO	Nixon et al., Am J Vet Res, Vol. 54, No. 2, pp. 349-354, 1993	
	CP	Mok et al., The Journal of Biological Chemistry, Vol. 269, No. 52, pp.33021-33027, 1994	
11/	ca	Cohen et al., Biomaterials, Vol. 21, pp. 2117-2123, 2000	
TG	CR	The 48th Annul Meeting of Japan Society of Plastic and Reconstructive Surgery, April 13-15, 2005, with English translation	

^{&#}x27;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature /Tiffany Gough/	Date Considered	12/08/2006



PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	stitute for form 1449A/B	/PTO			Complete if Known
				Application Number	10/552,000-Conf. #6374
IN	NFORMATIC	ON DIS	CLOSURE	Filing Date	October 4, 2005
S	TATEMENT	BY A	PPLICANT	First Named Inventor	Hiroko YANAGA
				Art Unit	N/A
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	1752-0173PUS1

<u> </u>	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁰

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

0		NON PATENT LITERATURE DOCUMENTS			
Examiner Cite Initials No.1					
ŢG	CA	Chesterman et al., J. Bone Joint Surg. Br., Vol. 50, pp. 184-197 (1968)			
	СВ	Skoog et al., Scand. J. Plast. Reconstr. Surg. Vol. 6, pp. 123-125 (1972)			
	CC	Hvid et al., Acta. Orthop. Scand. Vol. 52, pp. 91-93 (1981)			
	CD	Hommiinga et al., J. Bone Joint Surg. Br. Vol. 72, pp. 1003-1007 (1990)			
	CE	Matsuda et al., Igaku no Ayumi (Progress of Medicine) Vol. 172, No 6, pp. 390-391 (1995)			
	CF	Fujisato et al., Biomaterial, Vol. 17, pp. 155-162 (1996)			
	CG	van Osch et al., Igaku no Ayumi (Progress of Medicine) Vol. 107, pp. 433-440 (2001)			
	СН	Brittberg et al., Clin. Orthrop. Vol. 391, pp. 337-348 (2001)			
	CI	Adachi et al., Igaku no Ayumi (Progress of Medicine) Vol. 200, No.3, pp. 258-259 (2002)			
	CJ	Edited by Fujii et al., "Biology of bones and cartilages: Development from basic medicine to			
		clinical medicine" pp. 143-149 (Kinbara Syuppan K.K. 2002)			
V	СК	Ochi et al., J. Bone Joint Surg. Br. Vol. 84-B, No. 4, pp. 571-578 (2002)			
TG	CL .	Yanaga et al., aesth. Plast. Surg. vol 28, pp. 212-221 (2004)			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	······································		CMM/TIS/khm
Signature		Considered	12/08/2006
Examiner	/Tiffany Gough/	Date	10/00/0005

^{&#}x27;Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Recultable and 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	stitute for form 1449A/B/PT	o .		Complete if Known		
				Application Number	10/552,000-Conf. #6374	
11	IFORMATION	I DI	SCLOSURE	Filing Date	October 4, 2005	
S	STATEMENT BY APPLICANT			First Named Inventor	Hiroko YANAGA	
				Art Unit	N/A	
	(Use as many sh	eets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	1752-0173PUS1	

			U.S. F	ATENT DO	CUMENTS		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	- 1	Name of Patentee or plicant of Cited Document	Pages, Columns, Lines, Whe Relevant Passages or Releva Figures Appear	
TG	AA*	US-20010014473-A1	08-16-2001	Rieser et	al.		
			FOREIG	N PATENT	OCUMENTS		
Examiner	Cite	Foreign Patent Docur	Foreign Patent Document		Publication Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Co	ode ⁵ (if known)	MW-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. 'Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS					
Examiner Cite Initials No.1							
Improved Matrix Production", Matrix Biology: Journal of the International Society for		Larson, et al., "Retention of the Native Chondrocyte Pericellular Matrix Results in Significantly Improved Matrix Production", Matrix Biology: Journal of the International Society for Matrix Biology, Vol. 21, No. 4, pp. 349-359, June 2002 (XP002378758).					
	СВ	Long, et al., "Regulation of Growth Region Cartilage Proliferation and Differentiation by Perichondrium", Development, Vol. 125, No. 6, pp. 1067-1073, March 1998 (XP002378759).					
	CC	Di Nino, et al., "Regulation of Endochondral Cartilage Growth in the Developing Avian Limb: Cooperative Involvement of Perichondrium and Periosteum", Development Biology, Vol. 240, No. 2, pp. 433-442, December 15, 2001, (XP002378760).	_				
	CD	Klein-Nulend, et al., "Stimulation of Cartilage Differentiation by Osteogenic Protein-1 in Cultures of Human Perichondrium", Tissue Engineering, Vol. 4, No. 3, pp. 305-313, October 1998, (XP009065726).					
	CE	Nakamata, et al., "In Vitro Demonstration of Cell-to-Cell Interaction in Growth Plate Cartilage Using Chondrocytes Established From p53-/-Mice", Journal of Bone and Mineral Research: The Official Journal of the American Society for Bone and Mineral Research, Vol. 18, No. 1, pp. 97-107, January 2003, (XP 009065762).					
	CF	Luan, et al., "Culture of Chondrocytes Using Allogenous Acellular Cartilaginous Matrix", Chinese Journal of Plastic Surgery and Burns, Vol. 15, No. 3, pp. 178-179, May 1999 (XP002378761).					
\downarrow	CG	Zerega, et al., "Parathyroid Hormone [PTH(1-34)] and Parathyroid Hormone-Related Protein [PTHrP(1-34)] Promote Reversion of Hypertrophic Chondrocytes to a Prehypertrophic Proliferating Phenotype and Prevent Terminal Differentiation of Osteoblast-like Cells", Journal of Bone and Mineral Research Official Journal of the American Society for Bone and Mineral Research, Vol. 14, No. 8, pp. 1281-1289, August 1999 (XP002378762).					
T	dСH	Vortkamp, "Interaction of Growth Factors Regulating Chondrocyte Differentiation in the Developing Embryo", Vol. 9, Suppl A, pp. S109-S117, 2001 (XP009065754).					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature /Tiffany Gough/	Date Considered	12/08/2006
------------------------------------	--------------------	------------